

Converting Colors

XYZ(64.4053, 81.2220, 97.8380)

Have a look what the booklet for
XYZ(64.4053, 81.2220, 97.8380)
contains.

XYZ(64.3937, 81.1400, 97.8556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.3937, 81.1400,
97.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	A0F8F4
RGB	160, 248, 244
RGB Percent	63%, 97%, 96%
CMY	0.3725, 0.0274, 0.0431
CMYK	0.35, 0.00, 0.02, 0.03
HSL	177°, 86%, 80%
HSV	177°, 35%, 97%
XYZ	64.3937, 81.1400, 97.8556
YIQ	221.2320, -51.1640, -19.9000

Conversions

Conversions Part 2

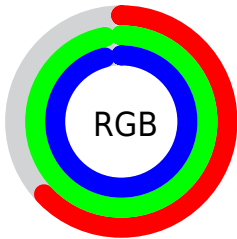
Format	Color
RYB	160, 205, 248
Decimal	10549492
CIELab	92.19, -27.21, -6.47
CIELCh	92, 27.969, 193.365
Yxy	81.1400, 0.2646, 0.3334
Android (android.graphics.Color)	4288739572 (0xFFA0F8F4)
YUV	221.2320, 11.2246, -53.7005
Hunter-Lab	90.0777, -30.0321, -1.3550

Details

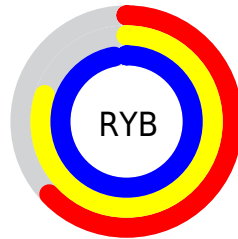
The XYZ color **64.3937, 81.1400, 97.8556** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **57.9858, 47.7807, 41.2914**, and the grayscale version is **68.8415, 72.4266, 78.8725**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **33.4168, 43.8355, 54.2768** is the 20% darker color. If you saturate the color by 10%, you get **59.7517, 78.7687, 96.7486**, and if you desaturate by 10%, it is **70.0303, 84.0279, 99.0181**.

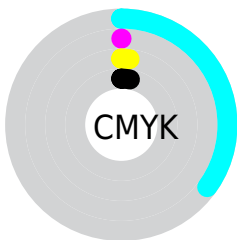
Distribution



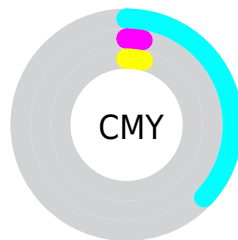
- Red (63%)
- Green (97%)
- Blue (96%)



- Red (63%)
- Yellow (80%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (37%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3937, 81.1400, 97.8556 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 64.3937, 81.1400, 97.8556 by changing the saturation by 10% instead.

64.3937, 81.1400,
97.8556

64.3937, 81.1400,
97.8556

430.1897,
498.7665, 574.4833

47.2325, 60.6569,
73.9040

110.2483,
134.9673, 160.2332

33.4282, 43.9483,
54.2192

139.6724,
169.0804, 199.4963

22.6155, 30.6299,
38.3825

173.9149,
208.5055, 244.7004

14.4290, 20.3172,
25.9756

213.3410,
253.6271, 296.2639

8.5033, 12.6258,
16.5798

258.3162,
304.8296, 354.6054

4.4732, 7.1714,
9.7766

309.2058,

1.9731, 3.5695,

362.4974, 420.1434

5.1474

366.3752,
427.0149, 493.2965

■ 0.6188, 1.4358,
2.2738

■ 0.0000, 0.2429,
0.7165

■ 64.3937, 81.1400,
97.8556

■ 64.3937, 81.1400,
97.8556

■ 59.7517, 78.7687,
96.7486

■ 70.0303, 84.0279,
99.0181

■ 56.0382, 76.8739,
95.6888

■ 76.7088, 87.4508,
100.2331

■ 53.1901, 75.4252,
94.6750

■ 84.4817, 91.4378,
101.5048

■ 51.1335, 74.3843,
93.7036

■ 91.8319, 95.2068,
102.7622

■ 49.7821, 73.7069,
92.7707

■ 92.0080, 95.2772,
103.6894

■ 49.0296, 73.3381,
91.8712

■ 92.1851, 95.3480,
104.6221

■ 48.8145, 73.2358,
91.4726

■ 92.3633, 95.4193,
105.5605

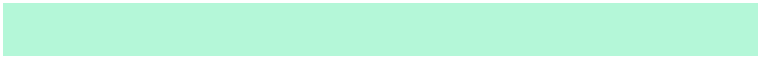
■ 92.5425, 95.4910,
106.5044

■ 92.7229, 95.5632,
107.4539

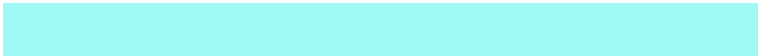
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.5756, 81.1400, 77.4529



64.3937, 81.1400, 97.8556



67.4671, 81.1400, 118.5397

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3937, 81.1400, 97.8556



87.0465, 81.1400, 120.5008



81.1619, 81.1400, 55.4800

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.3937, 81.1400, 97.8556



57.9858, 47.7807, 41.2914

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6548, 81.1400, 63.7740



64.3937, 81.1400, 97.8556



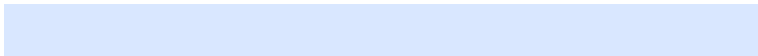
91.1946, 81.1400, 100.2189

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3937, 81.1400, 97.8556



80.3733, 81.1400, 132.9241



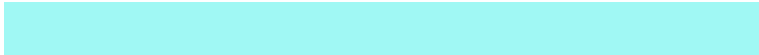
91.4240, 81.1400, 79.4765



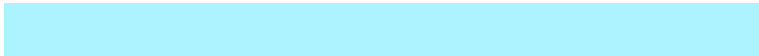
73.9579, 81.1400, 55.0508

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3937, 81.1400, 97.8556



71.0664, 81.1400, 128.8428



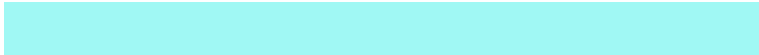
91.4240, 81.1400, 79.4765



83.5103, 81.1400, 57.3740

Sweetspot

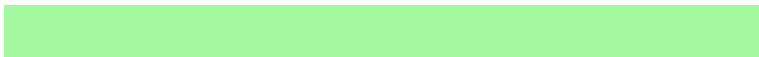
The Sweet Spot groups the original color and five complimentary colors.



64.3961, 81.1432, 97.8575



85.2680, 94.9809, 107.3735



55.3075, 77.6112, 45.3248



18.0145, 20.2086, 22.9432



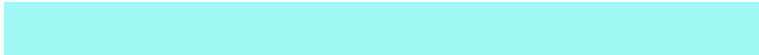
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3961, 81.1432, 97.8575



64.7561, 84.4745, 103.3450



54.0964, 59.5606, 97.4557



17.7297, 19.5942, 22.0432



26.3833, 39.5663, 49.4890



2.4538, 3.6686, 4.6375

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.9858, 47.7807, 41.2914



56.9512, 43.8308, 34.4554



65.6211, 63.6208, 42.0808



17.2766, 17.2380, 18.0464



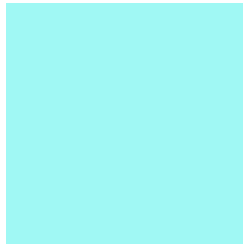
20.9589, 10.7993, 1.2263



1.9521, 1.0046, 0.1710

Previews

White Background



This preview shows how the XYZ color 64.3937, 81.1400, 97.8556 looks on a white background.

Color Contrast Check

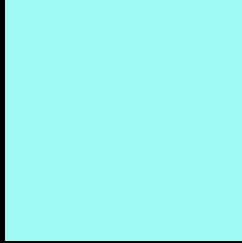
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 64.3937, 81.1400, 97.8556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

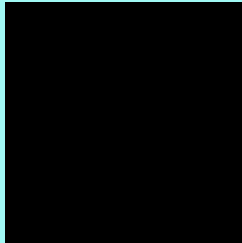
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3937, 81.1400, 97.8556

Background



This preview shows how black text looks on a background with the XYZ color 64.3937, 81.1400, 97.8556.



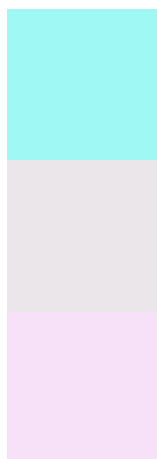
This preview shows how white text looks on a background with the XYZ color 64.3937, 81.1400,

97.8556.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.3937, 81.1400, 97.8556

Protanopia

77.4090, 80.1963, 89.2414

Deuteranopia

82.0301, 80.2828, 100.7952



Tritanopia

70.4916, 80.9494, 106.5172

Trichromacy



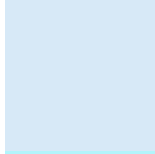
Original Color

64.3937, 81.1400, 97.8556



Protanomaly

71.7292, 80.1513, 92.5791



Deuteranomaly

73.9517, 79.4403, 99.4315



Tritanomaly

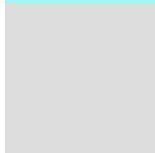
68.1234, 81.1314, 103.3362

Monochromacy



Original Color

64.3937, 81.1400, 97.8556



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

66.2720, 74.9511, 85.1028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3937, 81.1400, 97.8556 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(160, 248, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 248, 244) }
```

Border

The CSS property to change the border of an element to XYZ 64.3937, 81.1400, 97.8556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 248, 244) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(160, 248, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(160, 248, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(160, 248,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3937, 81.1400, 97.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 248, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160,  
248, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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